

Title (en)
A HUB-BEARING ASSEMBLY FOR SOIL-WORKING DISCS

Title (de)
NABENLAGERANORDNUNG FÜR BODENBEARBEITUNGSSCHEIBEN

Title (fr)
ENSEMBLE DE ROULEMENT DE MOYEU POUR DISQUES DE TRAVAIL DU SOL

Publication
EP 2088846 A2 20090819 (EN)

Application
EP 07736007 A 20070524

Priority

- IB 2007051964 W 20070524
- IT TO20060789 A 20061106

Abstract (en)
[origin: WO2007105185A2] A hub-bearing assembly serves to rotatably mount a soil-working disc (D) on a supporting axle (A) of an agricultural machine. The assembly comprises a hub-bearing unit (10) and a sealing device (20). The a hub-bearing unit has a radially outer, rotatable outer race (11) from one side of which a flange (12) radially extends for mounting a disc (D). The sealing device (20) is mounted on a side of the hub-bearing unit opposite to the side of the flange (12). The radially outer surface of the assembly has a portion (38) intermediate the flange (12) and the side of the sealing device (20), which is radially recessed so as to serve as a preferential seat for winding wires picked up from the fields during use of the agricultural machine,

IPC 8 full level
A01B 71/04 (2006.01)

CPC (source: EP US)
A01B 71/04 (2013.01 - EP US); **F16C 19/184** (2013.01 - EP US); **F16C 33/78** (2013.01 - EP US); **F16C 33/7886** (2013.01 - EP); **F16C 2310/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2007105185A2

Cited by
EP3907087A1; IT202000009991A1; EP4098897A1; IT202100014132A1; US11713785B2; US11808356B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007105185 A2 20070920; WO 2007105185 A3 20080124; CA 2668301 A1 20070920; CA 2668301 C 20131001; CN 101578035 A 20091111; CN 101578035 B 20120829; EA 014491 B1 20101230; EA 200970456 A1 20091030; EP 2088846 A2 20090819; EP 2088846 B1 20161012; IT TO20060789 A1 20080507; PL 2088846 T3 20170630; US 2010025057 A1 20100204; US 8328428 B2 20121211

DOCDB simple family (application)
IB 2007051964 W 20070524; CA 2668301 A 20070524; CN 200780040734 A 20070524; EA 200970456 A 20070524; EP 07736007 A 20070524; IT TO20060789 A 20061106; PL 07736007 T 20070524; US 31235907 A 20070524